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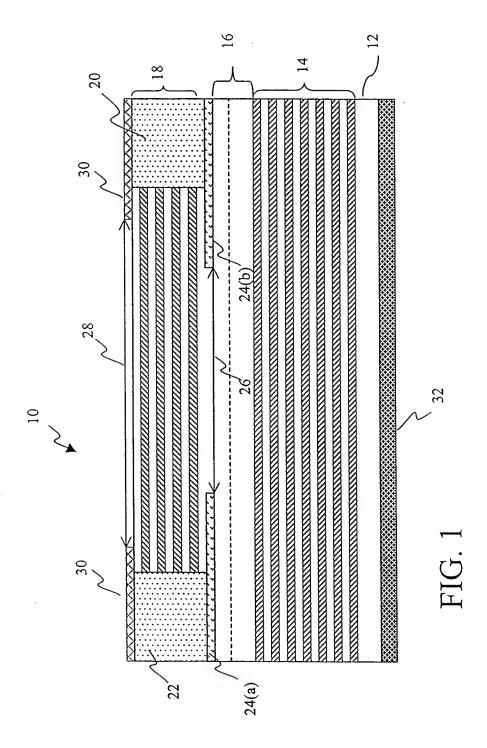
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Peter A. Nichols 47322/PAN/C715/CLO161 Attorney: Docket No.: Inventor(s): John Wasserbauer et al.

Title: LOW THERMAL IMPEDANCE DBR FOR
OPTOELECTRONIC DEVICES
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Attorney: Peter A. Nichols

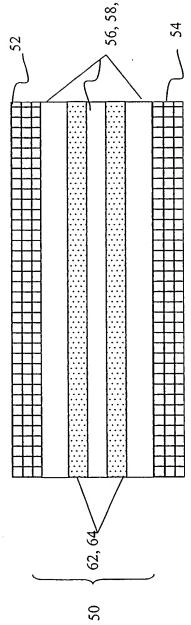
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Optical standing wave -

17. AlGaAs cavity

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Optical standing wave

1\(\lambda\) AlGaAs cavity

7\(\lambda\) AlGaAs

1\(\lambda\) AlGaAs

5\(\lambda\) AlAs

3\(\lambda\) AlAs

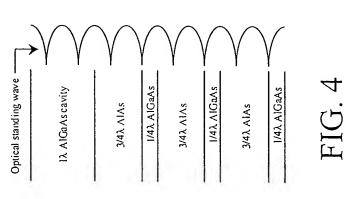
1\(\lambda\) AlAs

1\(\lambda\) AlAs

1\(\lambda\) AlAs

1\(\lambda\) AlAs

1\(\lambda\) AlAs



1/47 AIGaAs

1/4 AlAs

1/47 AIGaAs

1/4 A A I As

1/47 AIGaAs

1/47 AIAs

1/42 AIAs

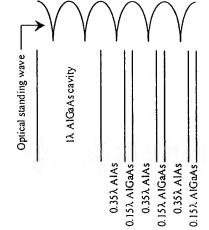


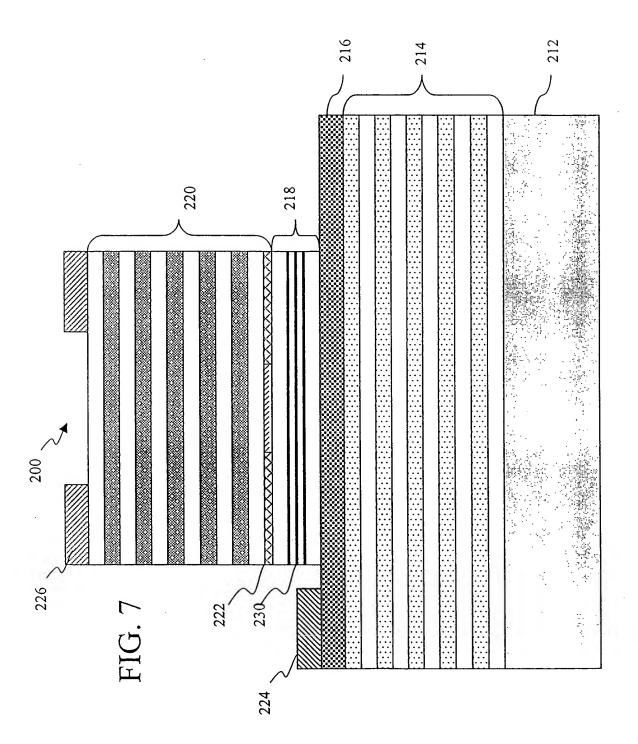
FIG. 6

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	$\rightarrow \bigvee$	$\mathcal{A}$	()	$\mathcal{A}$	()	
Optical standing wave -	11. GaAscavity	3/42 Alas	3/4A GaAs	3/42 AIAs	3/4λ GaAs	

Г	<b>&gt;</b>	$\bigvee$	$\sqrt{}$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	
Optical standing wave -	lλ avity	3/4λ AlAs	1/4\text{\aappa} \text{GaAs}	3/42 AIAs	1/4\textsquare	3/42 AIAs	1/47 GaAs	FIG. 8



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